

**CERAMIC REINFORCEMENT MEMBERS
FOR MRI DEVICES**

ABSTRACT OF THE DISCLOSURE

5 The present invention relates to a
reinforced magnetic resonance imaging catheter. The
catheter comprises an elongated body having at least
one lumen extending therethrough. The elongated body
also includes a proximal end, a distal end, and
circumference, a longitudinal axis running between
10 the proximal and distal ends, and a coaxial layer
that incorporates at least one elongated ceramic
member. An antenna is operably disposed proximate
the distal end the elongated body.

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